

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030620.D
 Acq On : 03 Apr 2024 09:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020337

Quant Time: Apr 03 11:53:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	267415	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.475	136	1206944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	796282	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	1641074	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1526908	20.000	ng/u1	0.00
88) Perylene-d12	24.262	264	1531207	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	50187	8.799	ng/uL	0.00
4) Pyridine-d5	3.599	84	369196	21.589	ng/u1	0.00
7) Phenol-d5	6.858	99	452151	20.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	283880	21.246	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	373475	22.758	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	367886	20.291	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	186525	22.278	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	181647	23.716	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	374412	22.329	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	564561	20.451	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1143076	21.501	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1330224	21.762	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	208601	20.513	ng/u1	0.00
60) Fluorene-d10	15.328	176	992617	21.336	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	148080	20.443	ng/u1	0.00
73) Anthracene-d10	17.181	188	1549686	21.917	ng/u1	0.00
81) Pyrene-d10	19.480	212	1744381	21.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.063	264	1565703	22.191	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	55074	9.014	ng/uL	97
5) Pyridine	3.617	79	366910	21.263	ng/u1	97
6) Benzaldehyde	6.840	77	263178	26.124	ng/u1	98
8) Phenol	6.887	94	473296	21.002	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	391760	21.318	ng/u1	99
12) 2-Chlorophenol	7.252	128	389965	22.152	ng/u1	98
13) 2-Methylphenol	8.128	108	363265	20.919	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	535757	20.704	ng/u1	99
16) Acetophenone	8.510	105	602410	21.045	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	293006	20.323	ng/u1	98
18) 4-Methylphenol	8.457	108	403669	20.764	ng/u1	95
19) Hexachloroethane	8.763	117	164142	22.239	ng/u1	98
22) Nitrobenzene	8.887	77	440347	21.545	ng/u1	99
23) Isophorone	9.410	82	848362	20.813	ng/u1	99
25) 2-Nitrophenol	9.593	139	209173	23.237	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	428420	21.413	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.899	93	541803	20.907	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	375522	21.941	ng/u1	99
30) Naphthalene	10.528	128	1337348	21.604	ng/u1	99
32) 4-Chloroaniline	10.640	127	547076	20.564	ng/u1	99
33) Hexachlorobutadiene	10.804	225	234776	21.793	ng/u1	97
34) Caprolactam	11.416	113	118208m	18.488	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	399174	20.707	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	913298	21.126	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	925784	21.096	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	457151	22.246	ng/ul	95
40) Hexachlorocyclopentadiene	12.487	237	253707	21.740	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	291151	22.673	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	322426	22.233	ng/ul	96
43) 1,1'-Biphenyl	13.163	154	1166103	21.485	ng/ul	98
44) 2-Chloronaphthalene	13.204	162	939106	21.980	ng/ul	98
45) 2-Nitroaniline	13.416	65	248671	21.870	ng/ul	100
47) Dimethylphthalate	13.798	163	1176433	21.421	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	228608	22.452	ng/ul#	92
50) Acenaphthylene	14.057	152	1567518	22.194	ng/ul	99
51) 3-Nitroaniline	14.245	138	242294	22.419	ng/ul	99
52) Acenaphthene	14.398	153	1017179	21.612	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	85148	18.207	ng/ul	91
55) 4-Nitrophenol	14.551	109	164306	20.393	ng/ul	95
56) Dibenzofuran	14.734	168	1409149	21.539	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	334619	22.509	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	271070	22.506	ng/ul	98
59) Diethylphthalate	15.169	149	1202445	21.552	ng/ul	100
61) Fluorene	15.387	166	1133129	21.790	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	543239	21.292	ng/ul	98
63) 4-Nitroaniline	15.410	138	247539	23.560	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	166673	21.414	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	975131	21.819	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	336769	21.611	ng/ul	97
69) Hexachlorobenzene	16.381	284	390286	21.269	ng/ul	96
70) Atrazine	16.557	200	339496	21.916	ng/ul	96
71) Pentachlorophenol	16.728	266	235108	21.731	ng/ul	99
72) Phenanthrene	17.128	178	1853029	21.978	ng/ul	100
74) Anthracene	17.216	178	1883933	22.103	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	450782	22.359	ng/ul	99
76) Pentachlorobenzene	14.651	250	448942	21.923	ng/ul	99
77) Carbazole	17.486	167	1693152	22.651	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2064740	22.643	ng/ul	99
80) Fluoranthene	19.145	202	2161423	22.149	ng/ul	98
82) Pyrene	19.510	202	2221006	21.550	ng/ul	100
83) Butylbenzylphthalate	20.427	149	911831	23.167	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	645199	22.997	ng/ul	95
85) Benzo(a)anthracene	21.304	228	2166462	21.260	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1354225	23.332	ng/ul	99
87) Chrysene	21.369	228	1993906	20.730	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	2246192	23.164	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2091963	23.215	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	2060382	22.514	ng/ul	98
93) Benzo(a)pyrene	24.127	252	1911549	22.456	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.574	276	1977925m	21.495	ng/ul	
95) Dibenzo(a,h)anthracene	27.633	278	1679828	21.685	ng/ul	98
96) Benzo(g,h,i)perylene	28.603	276	1554895m	21.524	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

